

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
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Application Serial Number: 10/534,578  
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Date Processed by STIC: 9/26/06

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IFWO

## RAW SEQUENCE LISTING

DATE: 09/26/2006

PATENT APPLICATION: US/10/534,578

TIME: 10:14:57

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3 <110> APPLICANT: CHAWLA, NARINDER K.  
 4 TANG, TOM Y.  
 5 GRIFFIN, JENNIFER A.  
 6 YANG, YONGHONG G.  
 7 RAMKUMAR, JAYALAXMI  
 8 KHARE, REENA  
 9 RICHARDSON, THOMAS W.  
 10 BECHA, SHANYA D.  
 11 TRAN, UYEN K.  
 12 KABLE, AMY E.  
 13 SWARNAKAR, ANITA  
 14 WARREN, BRIDGET A.  
 15 ELLIOTT, VICKI S.  
 16 MARQUIS, JOSEPH P.  
 17 HAFALIA, APRIL J.A.  
 19 <120> TITLE OF INVENTION: CARBOHYDRATE-ASSOCIATED PROTEINS  
 21 <130> FILE REFERENCE: 059314-0301  
 23 <140> CURRENT APPLICATION NUMBER: 10/534,578  
 24 <141> CURRENT FILING DATE: 2005-05-11  
 26 <150> PRIOR APPLICATION NUMBER: PCT/US03/035947  
 27 <151> PRIOR FILING DATE: 2003-11-10  
 29 <150> PRIOR APPLICATION NUMBER: 60/463,676  
 30 <151> PRIOR FILING DATE: 2003-04-16  
 32 <150> PRIOR APPLICATION NUMBER: 60/456,645  
 33 <151> PRIOR FILING DATE: 2003-03-20  
 35 <150> PRIOR APPLICATION NUMBER: 60/453,882  
 36 <151> PRIOR FILING DATE: 2003-03-10  
 38 <150> PRIOR APPLICATION NUMBER: 60/441,847  
 39 <151> PRIOR FILING DATE: 2003-01-21  
 41 <150> PRIOR APPLICATION NUMBER: 60/425,423  
 42 <151> PRIOR FILING DATE: 2002-11-12  
 44 <160> NUMBER OF SEQ ID NOS: 40  
 46 <170> SOFTWARE: PatentIn Ver. 3.3  
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 51 <213> ORGANISM: Homo sapiens  
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63 Pro Ala Val Ile Ala Cys Ser Ser Pro Gly Ile Asn Gly Phe Pro Gly
64          35          40          45
66 Lys Asp Gly Arg Asp Gly Thr Lys Gly Glu Lys Gly Glu Pro Gly Gln
67          50          55          60
69 Gly Leu Arg Gly Leu Gln Gly Pro Pro Gly Lys Leu Gly Pro Pro Gly
70 65          70          75          80
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73          85          90          95
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92          20          25          30
94 Leu Arg Trp Asp Lys Asn Pro Lys Thr Lys Glu Gln Ile Glu Asn Leu
95          35          40          45
97 Leu Arg Asn Gly Met Asn Lys Glu Leu Arg Asp Arg Leu Cys Cys Arg
98          50          55          60
100 Met Thr Phe Gly Thr Ala Gly Leu Arg Ser Ala Met Gly Ala Gly Phe
101 65          70          75          80
103 Cys Tyr Ile Asn Asp Leu Thr Val Ile Gln Ser Thr Gln Gly Met Tyr
104          85          90          95
106 Lys Tyr Leu Glu Arg Cys Phe Ser Asp Phe Lys Gln Arg Gly Phe Val
107          100          105          110
109 Val Gly Tyr Asp Thr Arg Gly Gln Val Thr Ser Ser Cys Ser Ser Gln
110          115          120          125
112 Arg Leu Ala Lys Leu Thr Ala Ala Val Leu Leu Ala Lys Asp Val Pro
113          130          135          140
115 Val Tyr Leu Phe Ser Arg Tyr Val Pro Thr Pro Phe Val Pro Tyr Ala
116 145          150          155          160
118 Val Gln Lys Leu Lys Ala Val Ala Gly Val Met Ile Thr Ala Ser His
119          165          170          175
121 Asn Arg Lys Glu Asp Asn Gly Tyr Lys Val Tyr Trp Glu Thr Gly Ala
122          180          185          190
124 Gln Ile Thr Ser Pro His Asp Lys Glu Ile Leu Lys Cys Ile Glu Glu
125          195          200          205
127 Cys Val Glu Pro Trp Asn Gly Ser Trp Asn Asp Asn Leu Val Asp Thr
128          210          215          220
130 Ser Pro Leu Lys Arg Asp Pro Leu Gln Asp Ile Cys Arg Arg Tyr Met
131 225          230          235          240
133 Glu Asp Leu Lys Lys Ile Cys Phe Tyr Arg Glu Leu Asn Ser Lys Thr

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136 Thr Leu Lys Phe Val His Thr Ser Phe His Gly Val Gly His Asp Tyr
137          260          265          270
139 Val Gln Leu Ala Phe Lys Val Phe Gly Phe Lys Pro Pro Ile Pro Val
140          275          280          285
142 Pro Glu Gln Lys Asp Pro Asp Pro Asp Phe Ser Thr Val Lys Cys Pro
143          290          295          300
145 Asn Pro Glu Glu Gly Glu Ser Val Leu Glu Leu Ser Leu Arg Leu Ala
146 305          310          315          320
148 Glu Lys Glu Asn Ala Arg Val Val Leu Ala Thr Asp Pro Asp Ala Asp
149          325          330          335
151 Arg Leu Ala Ala Ala Glu Leu Gln Glu Asn Gly Cys Trp Lys Val Phe
152          340          345          350
154 Thr Gly Asn Glu Leu Ala Ala Leu Phe Gly Trp Trp Met Phe Asp Cys
155          355          360          365
157 Trp Lys Lys Asn Lys Ser Arg Asn Ala Asp Val Lys Asn Val Tyr Met
158          370          375          380
160 Leu Ala Thr Thr Val Ser Ser Lys Ile Leu Lys Ala Ile Ala Leu Lys
161 385          390          395          400
163 Glu Gly Phe His Phe Glu Glu Thr Leu Pro Gly Phe Lys Trp Ile Gly
164          405          410          415
166 Ser Arg Ile Ile Asp Leu Leu Glu Asn Gly Lys Glu Val Leu Phe Ala
167          420          425          430
169 Phe Glu Glu Ser Ile Gly Phe Leu Cys Gly Thr Ser Val Leu Asp Lys
170          435          440          445
172 Asp Gly Val Ser Ala Ala Val Val Val Ala Glu Met Ala Ser Tyr Leu
173          450          455          460
175 Glu Thr Met Asn Ile Thr Leu Lys Gln Gln Leu Val Lys Val Tyr Glu
176 465          470          475          480
178 Lys Tyr Gly Tyr His Ile Ser Lys Thr Ser Tyr Phe Leu Cys Tyr Glu
179          485          490          495
181 Pro Pro Thr Ile Lys Ser Ile Phe Glu Arg Leu Arg Asn Phe Asp Ser
182          500          505          510
184 Pro Lys Glu Tyr Pro Lys Phe Cys Gly Thr Phe Ala Ile Leu His Val
185          515          520          525
187 Arg Asp Ile Thr Thr Gly Tyr Asp Ser Ser Gln Pro Asn Lys Lys Ser
188          530          535          540
190 Val Leu Pro Val Ser Lys Asn Ser Gln Met Ile Thr Phe Thr Phe Gln
191 545          550          555          560
193 Asn Gly Cys Val Ala Thr Leu Arg Thr Ser Gly Thr Glu Pro Lys Ile
194          565          570          575
196 Lys Tyr Tyr Ala Glu Met Cys Ala Ser Pro Asp Gln Ser Asp Thr Ala
197          580          585          590
199 Leu Leu Glu Glu Glu Leu Lys Lys Leu Ile Asp Ala Leu Ile Glu Asn
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202 Phe Leu Gln Pro Ser Lys Asn Gly Leu Ile Trp Arg Ser Val
203          610          615          620
206 <210> SEQ ID NO: 3
207 <211> LENGTH: 210

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221 Asp Val Leu Val Arg Trp Lys Arg Ala Gly Ser Tyr Leu Leu Glu Glu
222 35 40 45
224 Leu Phe Glu Gly Asn Leu Glu Lys Glu Cys Tyr Glu Glu Thr Cys Val
225 50 55 60
227 Tyr Glu Glu Ala Arg Glu Val Phe Glu Asn Glu Val Val Thr Asp Glu
228 65 70 75 80
230 Phe Trp Arg Arg Tyr Lys Gly Gly Ser Pro Cys Ile Ser Gln Pro Cys
231 85 90 95
233 Leu His Asn Gly Ser Cys Gln Asp Ser Ile Trp Gly Tyr Thr Cys Thr
234 100 105 110
236 Cys Ser Pro Gly Tyr Glu Gly Ser Asn Cys Glu Leu Ala Lys Asn Glu
237 115 120 125
239 Cys His Pro Glu Arg Thr Asp Gly Cys Gln His Phe Cys Leu Pro Gly
240 130 135 140
242 Gln Glu Ser Tyr Thr Cys Ser Cys Ala Gln Gly Tyr Arg Leu Gly Glu
243 145 150 155 160
245 Asp His Lys Gln Cys Val Pro His Asp Gln Cys Ala Cys Gly Val Leu
246 165 170 175
248 Thr Ser Glu Lys Arg Ala Pro Asp Leu Gln Asp Leu Pro Trp Gln Asn
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271 20 25 30
273 Leu Lys Glu Ala Phe Ser Asn Phe Ser Ser Ser Thr Leu Thr Glu Val
274 35 40 45
276 Gln Ala Ile Ser Thr His Gly Gly Ser Val Gly Asp Lys Ile Thr Ser
277 50 55 60
279 Leu Gly Ala Lys Leu Glu Lys Gln Gln Gln Asp Leu Lys Ala Asp His

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280 65              70              75              80
282 Asp Ala Leu Leu Phe His Leu Lys His Phe Pro Val Asp Leu Arg Phe
283              85              90              95
285 Val Ala Cys Gln Met Glu Leu Leu His Ser Asn Gly Ser Gln Arg Thr
286              100              105              110
288 Cys Cys Pro Val Asn Trp Val Glu His Gln Gly Ser Cys Tyr Trp Phe
289              115              120              125
291 Ser His Ser Gly Lys Ala Trp Ala Glu Ala Glu Lys Tyr Cys Gln Leu
292              130              135              140
294 Glu Asn Ala His Leu Val Val Ile Asn Ser Trp Glu Glu Gln Lys Phe
295 145              150              155              160
297 Ile Val Gln His Thr Asn Pro Phe Asn Thr Trp Ile Gly Leu Thr Asp
298              165              170              175
300 Ser Asp Gly Ser Trp Lys Trp Val Asp Gly Thr Asp Tyr Arg His Asn
301              180              185              190
303 Tyr Lys Asn Trp Ala Val Thr Gln Pro Asp Asn Trp His Gly His Glu
304              195              200              205
306 Leu Gly Gly Ser Glu Asp Cys Val Glu Val Gln Pro Asp Gly Arg Trp
307              210              215              220
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329              20              25              30
331 Asp Val Leu Val Arg Trp Lys Arg Ala Gly Ser Tyr Leu Leu Glu Glu
332              35              40              45
334 Leu Phe Glu Gly Asn Leu Glu Lys Glu Cys Tyr Glu Glu Ile Cys Val
335              50              55              60
337 Tyr Glu Glu Ala Arg Glu Val Phe Glu Asn Glu Val Val Thr Asp Glu
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352 <220> FEATURE:
353 <223> OTHER INFORMATION: Incyte ID NO: 7524406CD1

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/534,578

DATE: 09/26/2006

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